HP Color LaserJet CP3505 Printer series

Technical specifications	HP Color LaserJet CP3505n printer (CB442A)	HP Color LaserJet CP3505dn printer (CB443A)	HP Color LaserJet CP3505x printer (CB444A)
Print speed[2]	Up to 22 ppm letter		
First page out	Less than 12.5 seconds		
Image enhancement, resolution	HP ImageREt 3600, 600 by 600 dpi and 1200x600 dpi for fine details and line art		
Processor	450 MHz		
Memory, standard	256 MB DDR2 SDRAM	384 MB DDR2 SDRAM	
Available memory slots	One available DDR2 SDRAM slot		
Memory, maximum	1024 MB DDR2 SDRAM		
Durability rating	Recommended monthly volume: 1,500 to 5,000 pages[3] Maximum monthly duty cycle: 65,000 pages[4]		
Paper			
Input	100-sheet multipurpose tray, 250-sheet tray 2 for a total of 350 sheets optional 500-sheet tray 3		100-sheet multipurpose tray, 250-sheet tray 2, 500-sheet tray 3 for a total of 850 sheets
Output	250-sheet top output bin		
Duplex printing	Manual two-sided printing	Built-in automatic two-sided printing	
Sizes	Multipurpose tray: 3 by 5 in (76 by 127 mm) to 8.5 by 14 in (216 by 356 mm); letter, legal, executive; envelopes (No. 10, Monarch,) Manual two-sided printing, 250-sheet input tray, optional 500-sheet input tray: 5.8 by 8.3 in (148 by 210 mm) to 8.5 by 14 in (216 by 356 mm); letter, legal, executive Automatic two-sided printing unit: letter, legal		
Weights	Multipurpose tray: 16 to 42 lb bond (60 to 160 g/m^2) Automatic two-sided printing unit, 250-sheet and 500-sheet input trays: 16 to 32 lb bond (60 to 120 g/m^2)		
Types	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, tough, color, glossy, rough), transparencies, labels, envelopes, cardstock, user-defined		
Connectivity			
Interfaces	One Hi-Speed USB 2.0 port, one available EIO slot (for optional network adapters, IEEE 1284-B parallel port, or hard disk)		
Network connectivity	HP Jetdirect Fast Ethernet embedded print server		
Languages	HP PCL6, HP PCL5, HP postscript level 3 emulation, direct PDF printing (v 1.4) with at least 128 MB printer memory		
Fonts	80 HP font set (plus Greek, Hebrew, Cyrillic, Arabic)		
Client operating systems	Microsoft® Windows Vista 32/64 bit, 2000, XP, Server 2003; Certified for Windows Vista®; Mac OS X v10.2.8, v10.3, v10.4 or later; Most flavors of Linux including Red Hat Linux 7.x and later, SuSE Linux 8.x and later, See http://hplip.sourceforge.net/system_requirements.html for more details		
Network operating systems[5]	Microsoft Windows Vista Compatible, Vista Premium, XP, Server 2003, 2003 64-bit, XP 64-bit, 2000 (IPv6 only supported on Windows® 2003 and Windows XP, IPsec on IPv4 only on Windows 2003 and Windows XP); Novell 5.1 and later; Mac OS X v10.2.8, v10.3, v10.4 or later; Red Hat Linux 7.x and later; SuSE Linux 8.x and later; HP-UX 10.20, 11.x, 11.i; Solaris 2.5 and later (SPARC systems only); IBM AIX 3.2.5 and later; MPE-iX; Citrix MetaFrame Server; Windows Terminal Services		
Network protocols supported[5]	IPv6: DHCPv6, HTTP, HTTPS, Port 9100, IP Direct Mode, LPD, IPP, MLDv6, ICMPv6, Apple Bonjour Compatible, FTP, WS-Discovery; IPv4: FTP, IPP2, Auto-IP, Apple Bonjour Compatible, Telnet, SLP, IGMPv2, BOOTP/DHCP, WINS, SNMPv1/v2c/v3, TFTP, HTTP, HTTPS, Port 9100, LPD, IP Direct Mode; Other: IPX/SPX, AppleTalk, NetWare NDS, Bindery, NDPS, iPrint		
Security	Management security: password protection, SNMP v3, SSL/TLS (HTTPS), 802.1x authentication (EAP- PEAP, EAP-TLS), central and remote security configuration through WJA, EPC, and Jetdirect Security Configuration Wizard Optional network security: IPsec, Wi-Fi Protected Access (WPA), WEP encryption (40/64- and 128-bit)		
Dimensions (w by d by h)	16.25 by 20.07 by 16.9 in (413 by 510 by 430 mm)	15.7 by 20.07 by 16.9 in (399 by 510 by 430 mm)	15.7 by 20.07 by 22.44 in (399 by 510 by 570 mm)
Weight (includes print cartridge)	59.6 lb (27.1 kg)	61.6 lb (28 kg)	74.1 lb (33.7 kg)
What's in the box	Printer, in-box documentation (Getting Started Guide), software drivers and documentation on CD-ROM, power cable, 100-sheet multipurpose tray, 250-sheet input tray		
Print cartridges	Preinstalled full-capacity 6,000-page black, cyan, magenta, and yellow HP Color LaserJet print cartridges with HP ColorSphere toner		
Also includes	HP Jetdirect Fast Ethernet embedded print server	HP Jetdirect Fast Ethernet embedded print server, built-in automatic two-sided printing	HP Jetdirect Fast Ethernet embedded print server, built-in automatic two-sided printing, 500-sheet input tray
Warranty	One-year, next-business-day, onsite limited warranty		

Environmental ranges

Temperature	Operating: 50 to 81 degrees F (10 to 27 degrees C) Recommended: 63 to 77 degrees F (17 to 25 degrees C) Storage: 32 to 95 degrees F (0 to 35 degrees C)
Relative humidity	Operating: 10 to 70 percent Recommended: 20 to 60 percent Non-operating: 10 to 90 percent
Altitude	0 to 8530 ft (0 to 2600 m)

Acoustics[6]

Power: active: 6.6 B(A); Ready: Inaudible

Pressure (bystander): active: 52 dB(A), standby: Inaudible

Power consumption[6]

Active: 465 watts, Ready: 42 watts, Sleep: 10.4 watts, Off: 0.25 watts

Typical Electricity Consumption (TEC): 3.455 kWh/Week

ENERGY STAR® qualified models; see: http://www.hp.com/go/energystar

Required input voltage

110 to 127 V (±10 percent), 50/60 Hz (±2 Hz)

Power certifications

CISPR22: 2005/EN55022: 2006 Class B, EN 61000-3-2: 2000, EN 61000-3-3: 1995+A1, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-1998, GB17625.1-2003

Safety: IEC 60950-1 (International), IEC 60825-1, UL/cUL Listed (US/Canada), EN 60825-1 Class 1, 21 CFR Ch. 1/SubCh. J (Class 1 Laser/LED Device) GB4943-2001

[2] Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[3] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

[4] Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs.

[5] Not all protocol and operating system combinations are supported. For more information, go to: www.hp.com/support/net_printing. IBM-AIX 3.2.5 and later requires software from the NOS developer.

[6] Values subject to change. See www.hp.com/support/cljCP3505 for current information. Power reported is the highest value measured using all standard voltages.

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